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PTO/SB/08A (10-96)
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
			Application Number	10/645,954
Sheet 1 of 16			Filing Date	08/22/2003
			First Named Inventor	VITERI, Fernin
			Group Art Unit	3748
			Examiner Name	RICHTER, Sheldon J.
			Attorney Docket Number	3110.001

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
✓		864,017		Miller	08-20-1907	
✓		886,274		Tate	04-28-1908	
✓		1,013,907		Taylor	01-09-1912	
✓		1,227,275		Kraus	05-22-1917	
✓		1,372,121		Davis	03-22-1921	
✓		1,820,755		McMullen	08-25-1931	
✓		1,828,784		Perrin	10-27-1931	
✓		2,004,317		Forster	06-11-1935	
✓		2,033,010		Russell	03-03-1936	
✓		2,078,956		Lysholm	05-04-1937	
✓		2,168,313		Bichowsky	08-08-1939	
✓		2,218,281		Ridder	10-15-1940	
✓		2,359,108		Hoskins	09-26-1944	
✓		2,368,827		Hanson	02-06-1945	
✓		2,374,710		Smith	05-01-1945	
✓		2,417,835		Moore	03-25-1947	
✓		2,428,136		Barr	09-30-1947	
✓		2,469,238		Newton	05-03-1949	
✓		2,476,031		Farkas	07-12-1949	
✓		2,478,682		Blackwood	08-09-1949	

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
✓		GB	6394		Smith	05-28-1898	
✓		FR	350,612		Braun	01-07-1905	06-20-1905
✓		GB	140,516		Torazzi	03-23-1920	
✓		GB	271,706		Schmid	05-26-1927	
✓		DE	1,301,821		Fabian	08-28-1969	
✓		DE	2,933,932		Sternfeld	12-09-1982	
✓		DE	3,122,338		Rohatscheck	05-19-1983	
✓		DE	2,111,602		Stahl	07-06-1983	
✓		EP	0,197,555		Ramsaier	04-09-1986	
✓		DE	3,512,947		Ramsaier	10-16-1986	

Examiner Signature		Date Considered	1-19-05
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				Filing Date	08/22/2003
				First Named Inventor	VITERI, Fermin
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				Examiner Name	RICHTER, Sheldon J.
Sheet	2	of	16	Attorney Docket Number	3110.001

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SK		2,487,435		Goddard	11-08-1949	
✓		2,523,656		Goddard	09-26-1950	
✓		2,547,093		Ray	04-03-1951	
✓		2,563,028		Goddard	08-07-1951	
✓		2,568,787		Bosch	09-25-1951	
✓		2,582,938		Eastman	01-15-1952	
✓		2,605,610		Hermitte	08-05-1952	
✓		2,621,475		Loy	12-16-1952	
✓		2,636,345		Zoller	04-28-1953	
✓		2,654,217		Rettaliata	10-06-1953	
✓		2,656,677		Peterson	10-27-1953	
✓		2,662,373		Sherry	12-15-1953	
✓		2,678,531		Miller	05-18-1954	
✓		2,678,532		Miller	05-18-1954	
✓		2,697,482		Blizard	12-21-1954	
✓		2,717,491		Barr	09-13-1955	
✓		2,722,100		Goddard	11-01-1955	
✓		2,763,987		Kretschmer	09-25-1956	
✓		2,770,097		Walker	11-13-1956	
✓		2,832,194		Kuhner	04-29-1958	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
SK		EP	0413199		Siemens	02-20-1991		
✓		JP	WO 91/02886		Muraki	03-07-1991		
✓		EP	0546501		Drnevich	06-16-1993		
✓		US	WO 94/10427		Ginter	05-11-1994		
✓		EP	06318464		Hiroshi	11-15-1994		
✓		EP	0634562		Scharpf	01-18-1995		
✓		US	WO 96/07024		Beichel	03-07-1996		
✓		US	WO 97/44574		Collin	11-27-1997		
✓		US	WO 99/22127		Beichel	05-06-1999		
✓		US	WO 99/63210		Ursin	12-09-1999		

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		Application Number	10/045,954		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	08/22/2003		
		First Named Inventor	VITERI, Fermin		
		Group Art Unit	3748		
		Examiner Name	RICHTER, Sheldon J.		
Sheet	4	of	16	Attorney Docket Number	3110.001

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		Number	Kind Code ² (if known)			
✓		3,574,507		Kydd	04-13-1971	
✓		3,608,529		Smith	09-28-1971	
✓		3,649,469		MacBeth	03-14-1972	
		3,657,879		Ewbank	04-25-1972	
✓		3,677,239		Elkins	07-18-1972	
✓		3,693,347		Kydd	09-26-1972	
✓		3,702,110		Hoffman	11-07-1972	
✓		3,703,807		Rice	11-28-1972	
✓		3,731,485		Rudolph	05-08-1973	
		3,736,745		Karig	06-05-1973	
✓		3,738,792		Feng	06-12-1973	
✓		3,747,336		Dibelius	07-24-1973	
✓		3,751,906		Leas	08-14-1973	
		3,722,881		Lange	11-20-1973	
✓		3,779,212		Wagner	12-18-1973	
✓		3,792,690		Cooper	02-19-1974	
✓		3,804,579		Wilhelm	04-16-1974	
✓		3,807,373		Chen	04-30-1974	
✓		3,826,080		DeCorso	07-30-1974	
✓		3,831,373		Flynt	08-27-1974	

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature	<i>S. Richter</i>	Date Considered	11-19-05
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<div style="text-align: left;">Substitute for form 1449/APTO</div> <div style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div> <div style="text-align: center;">(use as many sheets as necessary)</div>				Complete if Known	
Sheet	10	of	16	Application Number	10/645,954
				Filing Date	08/22/2003
				First Named Inventor	VITERI, Fermin
				Group Art Unit	3748
				Examiner Name	RICHTER, Sheldon J.
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		Number	Kind Code ² (if known)			
✓		5,715,673		Beichel	02-10-1998	
✓		5,724,805		Golomb	03-10-1998	
✓		5,761,896		Dowdy	06-09-1998	
✓		5,802,840		Wolf	09-08-1998	
✓		5,852,925		Prasad	12-29-1998	
✓		5,906,806		Clark	05-25-1999	
✓		5,955,039		Dowdy	09-21-1999	
✓		5,956,937		Beichel	09-28-1999	
✓		5,968,680		Wolfe	10-19-1999	
✓		5,970,702		Beichel	10-26-1999	
✓		5,997,595		Yokohama	12-07-1999	
✓		6,170,264		Viteri	01-09-2001	
✓		6,196,000		Fassbender	03-06-2001	
✓		6,206,684		Mueggenburg	03-27-2001	
✓		6,247,316		Viteri	06-19-2001	
✓		6,260,348		Sugishita	07-17-2001	
✓		6,389,814		Viteri	05-21-2002	
✓		6,523,349		Viteri	02-25-2003	
✓		6,598,398		Viteri	07-29-2003	
✓		6,607,854		Rehg	08-19-2003	

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	To
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				Filing Date	08/22/2003
				First Named Inventor	VITERI, Fermin
				Group Art Unit	3748
				Examiner Name	RICHTER, Sheldon J.
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Sheet	12	of	16		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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		REINKENHOF, J. et al.; Steam Generation with Modified H2/O2 - Rocket Engines; unknown date	
✓		STERNFELD, H.; A Hydrogen/Oxygen Steam Generator for the Peak-Load Management of Steam Power Plants; unknown date	
✓		BRAUSER, S. et al.; A Proposed Hydrogen-Oxygen Power Cycle; 1967; Stillwater, Oklahoma	
✓		REESE, R. et al.; A Proposed Hydrogen-Oxygen Fueled Steam Cycle for the Propulsion of Deep Submersibles; 1971; Massachusetts	
✓		LOTKER, M.; Hydrogen for the Electric Utilities - Long Range Possibilities; 1974; Hartford, Connecticut	
✓		LUCCI, A. et al.; Title Unknown (IECEC '75 Record); 1975; Canoga Park, California	
✓		DE BIASI, V.; A Look into Real Payoffs for Combined Cycle Conversions; Gas Turbine World; 1984; pp. 17, 18, 20, 22	
✓		PAK, P. S. et al.; Closed Dual Fluid Gas Turbine Power Plant without Emission of CO2 into the Atmosphere; IFAC/IFORS/IAEE Symposium; 1989; Pergamon Press; Tokyo, Japan	
✓		YANTOVSKII, E. I.; The Thermodynamics of Fuel-Fired Power Plants without Exhaust Gases; November 1991; Geneva	
✓		YANTOVSKII, E. I.; Computer Exergonomics of Power Plants without Exhaust Gases; Energy Convers. Mgmt.; 1992; pp. 405-412; Vol. 33, No. 5-8; Pergamon Press Ltd.; Great Britain	
✓		BOLLAND, O. et al.; New Concepts for Natural Gas Fired Power Plants which Simplify the Recovery of Carbon Dioxide; Energy Convers. Mgmt.; 1992; pp. 467-475; Vol. 33, No. 5-8; Pergamon Press Ltd.; Great Britain	

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		First Named Inventor	VITERI, Fermin
		Group Art Unit	3748
		Examiner Name	RICHTER, Sheldon J.
		Attorney Docket Number	3110.001
Sheet	13	of	16

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	† ²
✓		HENDRIKS, C.A. et al.; Carbon Dioxide Recovery Using a Dual Gas Turbine IGCC Plant; Energy Convers. Mgmt.; 1992; pp. 387-396; Vol. 33, No. 5-8; Pergamon Press Ltd.; Great Britain	
✓		MERCEA, P. V. et al.; Oxygen Separation from Air by a Combined Pressure Swing Adsorption and Continuous Membrane Column Process; Journal of Membrane Science; 1994; pp. 131-144; Cincinnati, Ohio	
✓		BOLLAND, O. et al.; Comparative Evaluation of Combined Cycles and Gas Turbine Systems with Water Injection, Steam Injection, and Recuperation; Transactions of the ASME; January 1995; pp. 138-140, 142-145; Vol. 117	
✓		The NOx Report; February 20, 1995; Vol. 1, No. 1	
✓		ALKAM, M. K. et al.; Methanol and Hydrogen Oxidation Kinetics in Water at Supercritical States; 1995; The University of Iowa; Iowa City, Iowa	
✓		RICE, I. G.; Steam-Injected Gas Turbine Analysis: Steam Rates; Journal of Engineering for Gas Turbines and Power; April 1995; pp. 347-353; Vol. 117	
✓		YANTOVSKII, E. I.; A Zero Emission Combustion Power Plant for Enhanced Oil Recovery; Energy; 1995; Vol. 20, No. 8; pp. 823-828	
✓		KOLP, D. A. et al.; Advantages of Air Conditioning and Supercharging an LM6000 Gas Turbine Inlet; Journal of Engineering for Gas Turbines and Power; July 1995; Vol. 117	
✓		EPA Proposes Across-the-Board Phase II NOx Limitations; Air Pollution Regulatory Analysis Service; January 19, 1996; Article No. 96-2	

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			Attorney Docket Number	3110.001
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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		AGAZZANI, A. et al.; An Assessment of the Performance of Closed Cycles with and without Heat Rejection at Cryogenic Temperatures; International Gas Turbine and Aeroengine Congress & Exhibition; June 10-13, 1996; Birmingham, UK	
		FACCHINI, B. et al.; Semi-Closed Gas Turbine/Combined Cycle with Water Recovery and Extensive Exhaust Gas Recirculation; International Gas Turbine and Aeroengine Congress & Exhibition; June 10-13, 1996; Birmingham, UK	
		NAKHAMKIN, M. et al.; The Cascaded Humidified Advanced Turbine (CHAT); Journal of Engineering for Gas Turbines and Power; July 1996; pp. 565-571; Vol. 118	
		RICE, I. G.; Split Stream Boilers for High-Temperature/High-Pressure Topping Steam Turbine Combined Cycles; Journal of Engineering for Gas Turbines and Power; April 1997; pp. 385-394; Vol. 119	
		ULIZAR, I. et al.; A Semiclosed-Cycle Gas Turbine with Carbon Dioxide-Argon as Working Fluid; Journal of Engineering for Gas Turbines and Power; July 1997; pp. 612-616; Vol. 19	
		WILSON, D. G. et al.; The Design of High-Efficiency Turbomachinery and Gas Turbines, Second Edition; 1998; pp. 146-161; Prentice Hall; Upper Saddle River, New Jersey	
		BANNISTER, R. L. et al.; Development of a Hydrogen-Fueled Combustion Turbine Cycle for Power Generation; Transactions of the ASME; April 1998; pp. 276-283; Vol. 120	
		MATHIEU, P. et al.; Zero-Emission MATIANT Cycle; Transactions of the ASME; January 1999; pp. 116-120, Vol. 121	

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		Application Number	10/645,954
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	08/22/2003
		First Named Inventor	VITERI, Fermin
		Group Art Unit	3748
		Examiner Name	RICHTER, Sheldon J.
		Attorney Docket Number	3110.001
Sheet	15	of	16

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SL		Norwegian Idea for CO ₂ -Free Power Generation; Greenhouse Issues; March 1999	
✓		AKER MARITIME; HiOx Gas Fired Power Plants without Atmospheric Emissions; June 1999	
✓		TURKENBURG, W. C. et al.; Fossil Fuels in a Sustainable Energy Supply: The Significance of CO ₂ Removal; A Memorandum at the Request of the Ministry of Economic Affairs the Hague; June 1999; pp. 1-26; Utrecht	
✓		BILGER, R. W.; Zero Release Combustion Technologies and the Oxygen Economy; Fifth Int'l Conference on Technologies and Combustion for a Clean Environment; July 1999; Lisbon, Portugal	
✓		BILGER, R. W.; The Future for Energy from Combustion of Fossil Fuels; Fifth Int'l Conference on Technologies and Combustion for a Clean Environment; July 1999; Lisbon, Portugal	
✓		HERZOG, H. et al.; Capturing Greenhouse Gases; Scientific American; February 2000; pp. 72-79	
✓		ANDERSON, R. E. et al.; A Unique Process for Production of Environmentally Clean Electric Power using Fossil Fuels; 8th International Symposium on Transport Phenomena and Dynamics of Rotating Machinery; March 2000; pp. 1-6; Honolulu, Hawaii	
✓		CHIESA, P. et al.; Natural Gas Fired COMbined Cycles with Low CO ₂ Emissions; Journal of Engineering for Gas Turbines and Power; July 2000; pp. 429-436; Vol. 122	
✓		HENDRIKS, C.A. et al.; Costs of Carbon Dioxide Removal by Underground Storage; 5th International Conference on Greenhouse Gas Control Technologies (GHGT-5); August 2000; Cairns, Australia	

Examiner Signature		Date Considered	1-19-05
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